Soyoung Kang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2884897/publications.pdf

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14	676	840119 11	1125271 13
papers	citations	h-index	g-index

15	15	15	1094
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prostate Cancer Risk Stratification via Nondestructive 3D Pathology with Deep Learningâ€“Assisted Gland Analysis. Cancer Research, 2022, 82, 334-345.	0.4	42
2	Deep Learning-assisted 3D Segmentation and Analysis of Prostate Glands for Cancer Risk Stratification. , 2022, , .		0
3	Multi-immersion open-top light-sheet microscope for high-throughput imaging of cleared tissues. Nature Communications, 2019, 10, 2781.	5.8	135
4	Modeling the binding and diffusion of receptor-targeted nanoparticles topically applied on fresh tissue specimens. Physics in Medicine and Biology, 2019, 64, 045013.	1.6	7
5	Microscopic investigation of" topically applied nanoparticles for molecular imaging of fresh tissue surfaces. Journal of Biophotonics, 2018, 11, e201700246.	1.1	14
6	A Raman Imaging Approach Using CD47 Antibody-Labeled SERS Nanoparticles for Identifying Breast Cancer and Its Potential to Guide Surgical Resection. Nanomaterials, 2018, 8, 953.	1.9	44
7	High-speed Raman-encoded molecular imaging of freshly excised tissue surfaces with topically applied SERRS nanoparticles. Journal of Biomedical Optics, 2018, 23, 1.	1.4	6
8	Raman-Encoded Molecular Imaging with Topically Applied SERS Nanoparticles for Intraoperative Guidance of Lumpectomy. Cancer Research, 2017, 77, 4506-4516.	0.4	75
9	Multiplexed Optical Imaging of Tumor-Directed Nanoparticles: A Review of Imaging Systems and Approaches. Nanotheranostics, 2017, 1, 369-388.	2.7	46
10	Multiplexed Molecular Imaging of Fresh Tissue Surfaces Enabled by Convectionâ€Enhanced Topical Staining with SERSâ€Coded Nanoparticles. Small, 2016, 12, 5612-5621.	5.2	54
11	Quantitative molecular phenotyping with topically applied SERS nanoparticles for intraoperative guidance of breast cancer lumpectomy. Scientific Reports, 2016, 6, 21242.	1.6	93
12	Surgical Guidance via Multiplexed Molecular Imaging of Fresh Tissues Labeled With SERS-Coded Nanoparticles. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 154-164.	1.9	29
13	Multiplexed Molecular Imaging of Biomarker-Targeted SERS Nanoparticles on Fresh Tissue Specimens with Channel-Compressed Spectrometry. PLoS ONE, 2016, 11, e0163473.	1.1	34
14	In vivo multiplexed molecular imaging of esophageal cancer via spectral endoscopy of topically applied SERS nanoparticles. Biomedical Optics Express, 2015, 6, 3714.	1.5	95